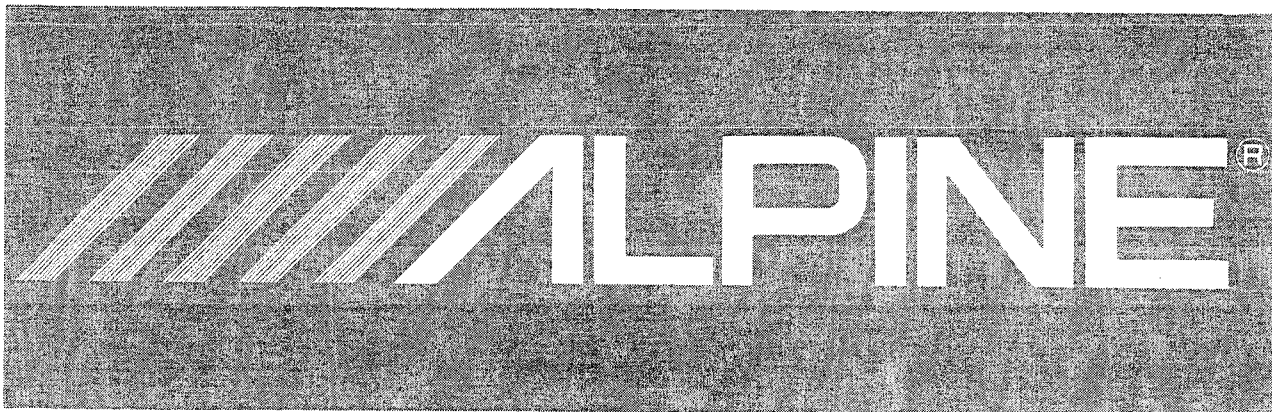
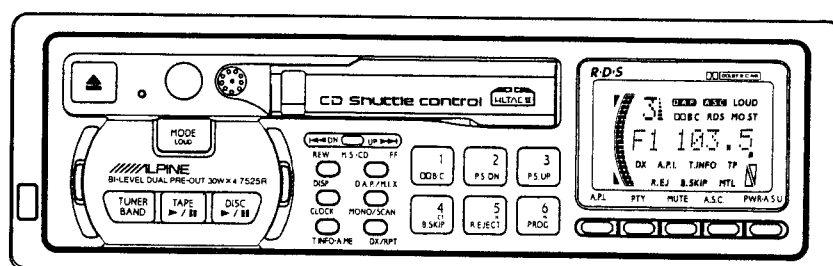




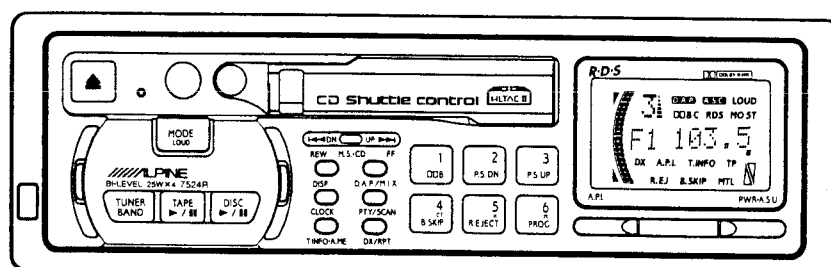
OWNER'S MANUAL/BEDIENUNGSANLEITUNG/
MANUEL DU PROPRIETAIRE/MANUALE DEL PROPRIETARIO/
MANUAL DEL PROPIETARIO/BRUKSANVISNING

7525R/7524R

FM/MW/LW/RDS Cassette Receiver
CD Shuttle Controller

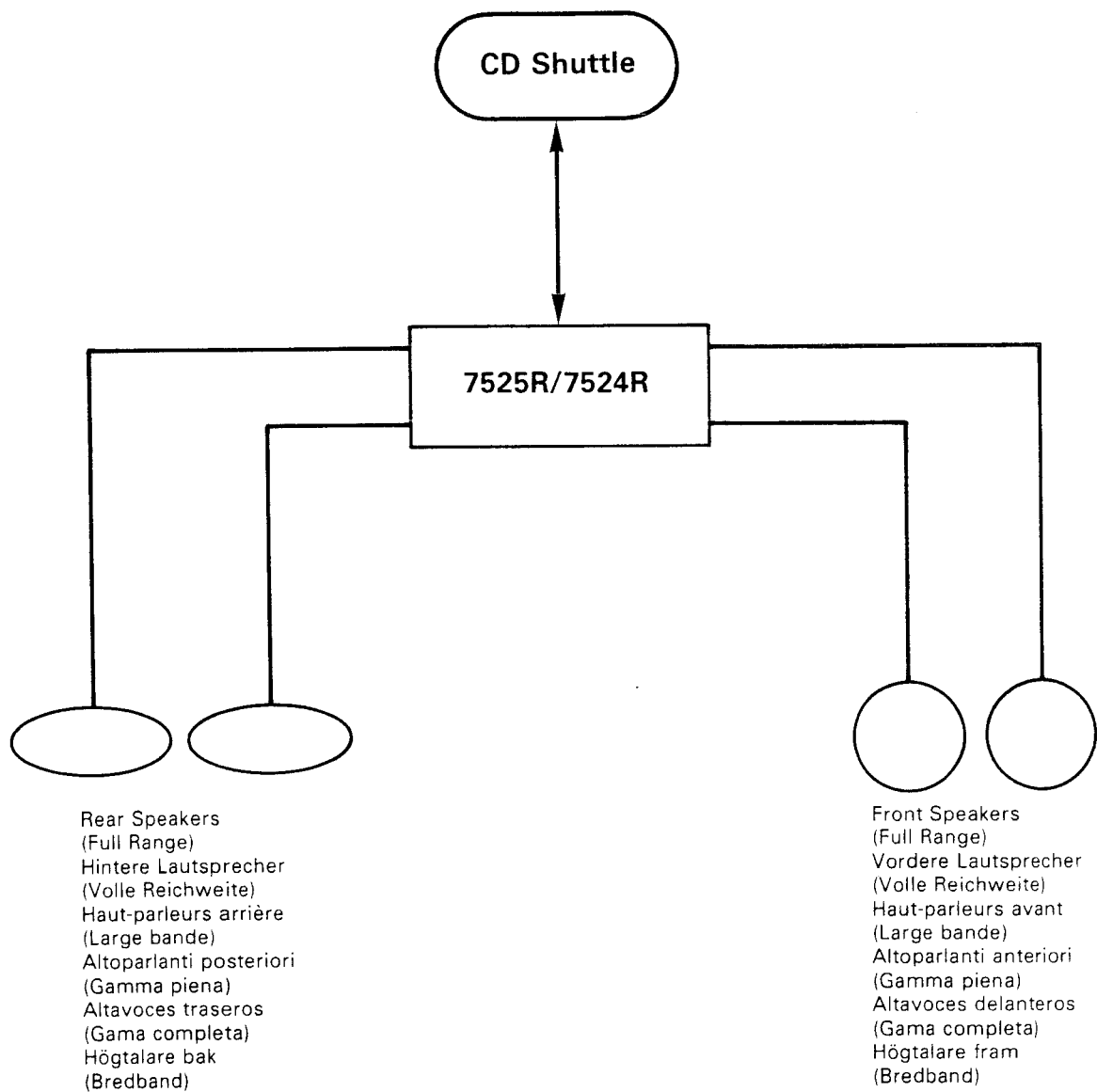


7525R



7524R

SYSTEM-A/SYSTEME-A/SISTEMA-A



SYSTEM CHARTS	2, 3
CONTROLS AND INDICATORS	5, 7
FEATURES	6
PRECAUTIONS	8
OPERATION	9 — 21
ERROR INDICATION FOR CD SHUTTLE	22
INDICATION FOR 7525R/7524R	22
SPECIFICATIONS	23

English

SYSTEMAUFBAU	2, 3
BEDIENUNGSELEMENTE UND ANZEIGEN	5, 25
MERKMALE	24
VORSICHTSMASSREGELN	26
BEDIENUNG	27 — 40
FEHLERANZEIGE FÜR CD SHUTTLE	41
ANZEIGE FÜR 7525R/7524R	41
TECHNISCHE DATEN	42

Deutsch

DIAGRAMMES DU SYSTEME	2, 3
COMMANDES ET INDICATEURS	5, 44
CARACTERISTIQUES	43
PRECAUTIONS	45
FONCTIONNEMENT	46 — 58
INDICATION D'ERREUR POUR LE CD SHUTTLE	59
INDICATION POUR LE 7525R/7524R	59
SPECIFICATIONS	60

Français

DISPOSIZIONI DEL SISTEMA	2, 3
CONTROLLI ED INDICATORI	5, 63
CARATTERISTICHE	61, 62
PRECAUZIONI	64
FUNZIONAMENTO	65 — 78
MESSAGI DI ERRORE DEL CD SHUTTLE	79
INDICAZIONE PER IL 7525R/7524R	79
SPECIFICAZIONI	80

Italiano

DIAGRAMAS DEL SISTEMA	2, 3
CONTROLES E INDICADORES	5, 82
CARACTERISTICAS	81
PRECAUCIONES	83
OPERACION	84 — 97
INDICACIONES DE ERROR PARA EL CD SHUTTLE	98
INDICACION PARA EL 7525R/7524R	98
ESPECIFICACIONES	99

Español

SYSTEM-ÖVERSIKT	2, 3
KONTROLLER OCH INDIKATORER	5, 101
EGENSKAPER	100
FÖRSIKTIGHETSÅTGÄRDER	102
MANÖVRERING	103 — 115
FELSÖKNING FÖR CD SHUTTLE	116
FELKOD FÖR 7525R/7524R	116
SPECIFIKATIONER	117

Svensk

CONTROLS AND INDICATORS/BEIDENUNGSELEMENTE UND ANZEIGEN/COMMANDES ET INDICATEURS/
CONTROLLI ED INDICATORI/CONTROLES E INDICADORES/KONTROLLER OCH INDIKATORER

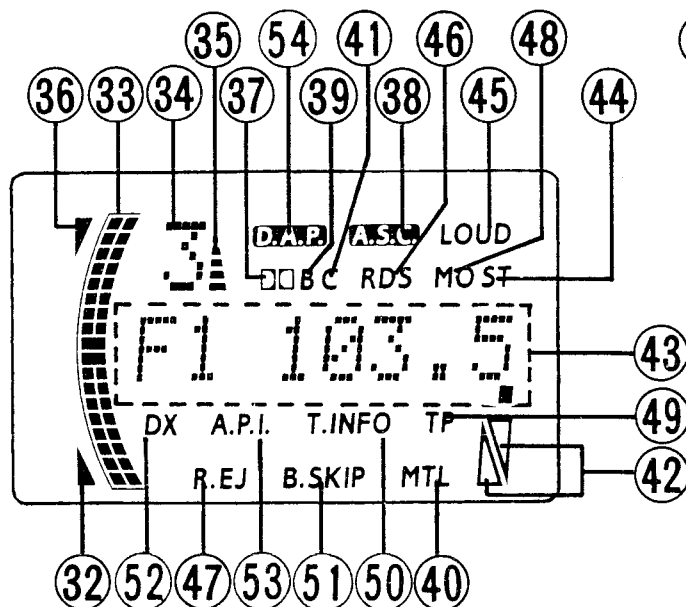
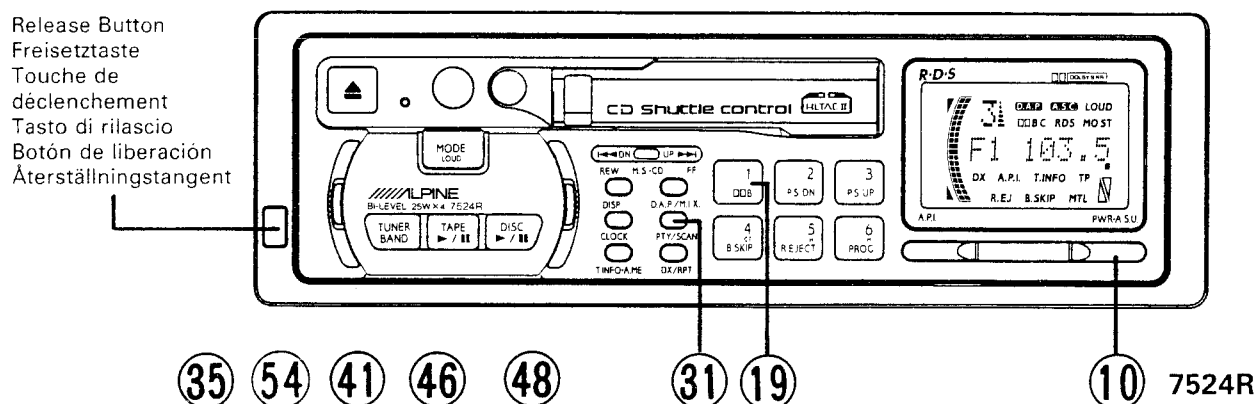
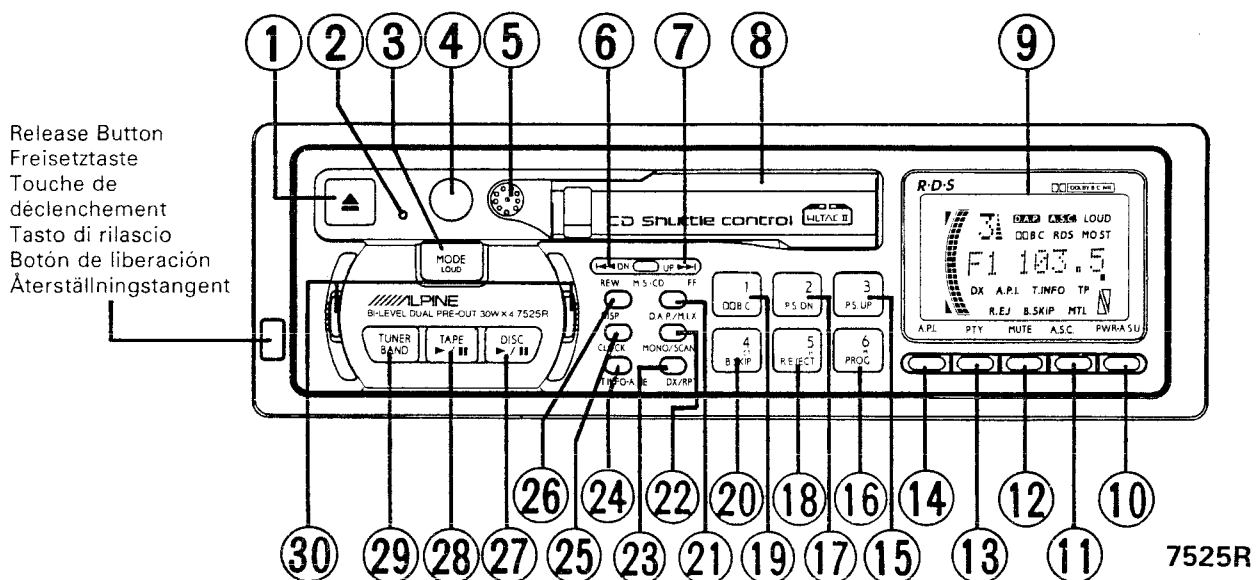


Fig. 1/Abb. 1

Please see the page indicated in the table below for explanations on the controls and indicators.

Die Erklärungen der Bedienungselemente und Anzeigen betreffend schauen sie sich bitte die in der folgenden Tabelle angegebene Seite an.

Prière de lire la page indiquée au tableau ci-dessous pour les explications sur les commandes et indicateurs. Fate riferimento alla pagina indicata nella tabella qui sotto per ulteriori chiarimenti riguardo i controlli ed indicatori.

Consulte la página indicada abajo, en la tabla, para más explicaciones sobre los controles e indicadores.

Se sidindikeringarna i tabellen nedan för förklaring av kontroller och indikatorer.

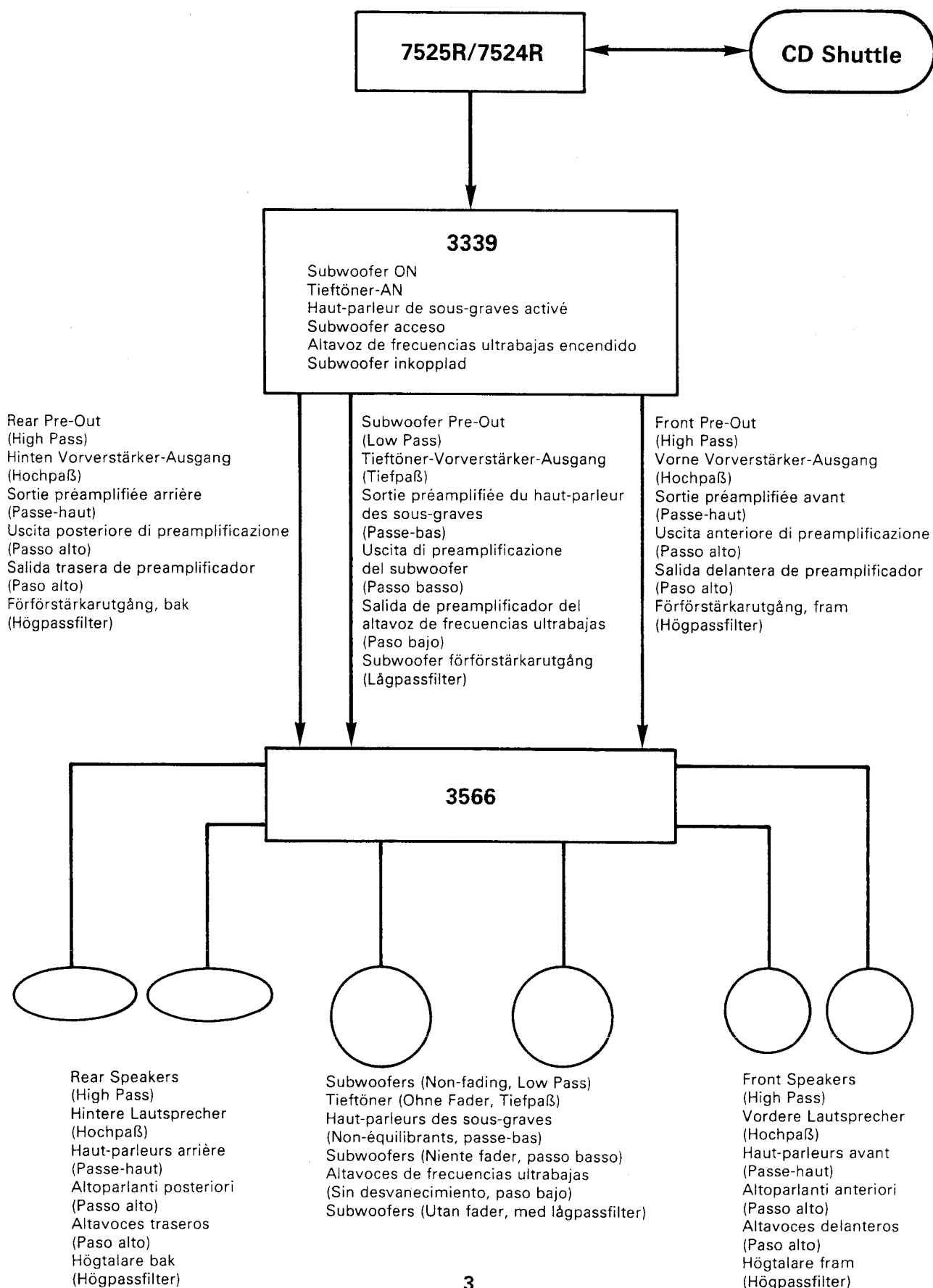
English	Page 7	Italiano	Pagina 63
Deutsch	Seite 25	Español	Página 82
Français	Page 44	Svenska	Sid 101

FEATURES

- **FULL FRONT DIN™ CHASSIS**
- **CD SHUTTLE™ CONTROL**
- **D.F.P. (DETACHABLE FRONT PANEL)**
- **GR-HIGH PRECISION/LOW NOISE FULL LOGIC**
- **WIRELESS REMOTE CONTROL CAPABILITY**
- **A.S.C. (AMBIENCE SOUND COMPENSATOR) (7525R only)**
A.S.C. detects the noise, which changes according to the vehicle's speed and the road conditions. Thanks to fuzzy logic, which makes judgments that closely parallel those of a human, A.S.C. maintains the volume and tone settings at a comfortable level.
- **A.S.U. (AUTOMATIC SET-UP)**
Returns the unit to a factory preset condition. This includes setting the Tone controls flat, FADER and BALANCE centered, and placing the unit in the Tuner mode tuned to the strongest station in the area.
- **HLTAC II™ TAPE HEAD**
Alpine's proprietary HLTAC II tape head features Oxygen Free Copper (OFC) coil windings to prevent low level signal loss and corrosion. It also features a super-close-tolerance, extremely narrow 0.8 micron head gap for exceptionally flat and accurate frequency response.
- **P.S. (PROGRAM SENSOR)**
Program Sensor allows skipping up to 9 tracks on the tape in either forward or reverse directions.
- **A.P.I. (AUTO PROGRAM IDENTIFICATION)**
While A.P.I. function turns on in the FM mode, a best receptive RDS station which has same program as the station you are receiving automatically can be received.
- **T. INFO (TRAFFIC INFORMATION)**
While T. INFO function turns on, a traffic information service automatically can be received when a station transmit.
- **D.A.P. (DIRECT ACCESS PRESETS)**
- **A. MEMO (INTELLIGENT AUTO MEMORY)**
- **REPEAT (TAPE, CD)**
- **SCAN (TAPE, CD)**
- **BLANK SKIP**
- **DOLBY* B/C NOISE REDUCTION**
- **S.T.M. (SOURCE TONE MEMORY)**
Automatically memorizes the settings of your Bass/Treble Controls for each source.
- **DUAL PRE-AMP OUTPUTS**
Dual pre-amp outputs, along with a pre-amp fader, make easy and complete system expansion possible.
- **SELECTABLE FADER**
- **DUAL ILLUMINATION**
- **LITETOUCH™ 30-STATION PRESETS**
FM1 : 6, FM2 : 6, MW : 6, LW : 6, D.A.P.: 6

* Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol () are trademarks of Dolby Laboratories Licensing Corporation.

SYSTEM-B/SYSTEME-B/SISTEMA-B



CONTROLS AND INDICATORS

Refer to Fig. 1 on page 5.

FRONT PANEL

- ① Eject Button
- ② Reset Switch
- ③ Audio MODE Select Switch/
LOUDness Button
- ④ Sensor Window for Remote Control
- ⑤ Mic Sensor (7525R only)
- ⑥ REW/DN Switch (◀◀)
- ⑦ FF/UP Switch (▶▶)
- ⑧ Cassette Loading Slot
- ⑨ Display
- ⑩ PoWeR Off/Auto Set Up Button
- ⑪ Ambience Sound Compensator
Button (7525R only)
- ⑫ MUTE Button (7525R only)
- ⑬ Program TYpe Button (7525R only)
- ⑭ Auto Program Identification Button
- ⑮ Preset and Direct Disc Access No.
3/P.S. UP Button
- ⑯ Preset and Direct Disc Access No.
6/PROGram/Minute Button
- ⑰ Preset and Direct Disc Access No.
2/P.S. DN Button
- ⑱ Preset and Direct Disc Access No.
5/Return EJECT/Hour Button
- ⑲ Preset and Direct Disc Access No.
1/Dolby B/C NR Button (7525R only)
- ⑳ Preset and Direct Disc Access No.
1/Dolby B NR Button (7524R only)
- ㉑ Preset and Direct Disc Access No.
4/Blank SKIP/Clock Time Button
- ㉒ Direct Access Preset/M.I.X. Play
Button
- ㉓ MONO/SCAN Button (7525R only)
- ㉔ DX (Local/Distance)/RePeaT Button
- ㉕ Traffic INFOrmation/Auto MEmory
Button

- ㉖ CLOCK Button
- ㉗ DISPlay Button
- ㉘ DISC (Play/Pause ▶/II) Button
- ㉙ TAPE (Play/Pause ▶/II) Button
- ㉚ TUNER/BAND Button
- ㉛ Audio Control Knob
- ㉜ Program TYpe/SCAN Button (7524R
only)

DISPLAY

- ㉝ Audio Control Up Indicator
- ㉞ Bar Graphic Indicator
- ㉟ Preset Channel/Disc Number
Indicator
- ㊱ Preset Indicator
- ㊲ Audio Control Down Indicator
- ㊳ Dolby NR Indicator
- ㊴ A.S.C. Indicator (7525R only)
- ㊵ Dolby B NR Indicator
- ㊶ MTL Indicator
- ㊷ Dolby C NR Indicator (7525R only)
- ㊸ Tape Direction Indicators
- ㊹ Dot Matrix Display
- ㊺ ST Indicator
- ㊻ LOUD Indicator
- ㊼ RDS Indicator
- ㊽ R. EJ Indicator
- ㊾ MO Indicator (7525R only)
- ㊿ TP Indicator
- ① T. INFO Indicator
- ② B. SKIP Indicator
- ③ DX (Distance) Indicator
- ④ A.P.I. Indicator
- ⑤ D.A.P. Indicator

PRECAUTIONS

Fuse Replacement

When replacing the fuse(s), the replacement must be of the same amperage as shown on the fuse holder. If the fuse(s) blows more than once, carefully check all electrical connections for shorted circuitry. Also have your vehicle's voltage regulator checked. Do not attempt to repair the unit yourself. Return it to your Alpine dealer or the nearest Alpine Service Station for servicing.

Temperature in the vehicle

In order to ensure proper performance, be sure the temperature in your vehicle is between 14° F (–10°C) and 140°F (60°C) before turning your player on. Good air circulation is essential to prevent heat build-up in the unit (especially in hot weather).

Excessively Thin Tape

C-120 type cassette tapes are not recommended for use in automobile tape players.

Precision Mechanism

Prevent any foreign objects from entering the cassette opening as the precision mechanism and tape head may be damaged.

Storage

To protect your cassette tapes, store them in a cool place away from dust, dirt, and strong magnetic sources such as electric motors, speakers and TV sets.

Tape Slack

Check and make sure any slack in the tape is taken up before inserting the tape into the unit. A loose tape could cause damage to the unit and the tape itself. Tighten the cassette by inserting a pencil or a similar instrument into the spindle hole and turn until all the slack has been taken up.

OPERATION

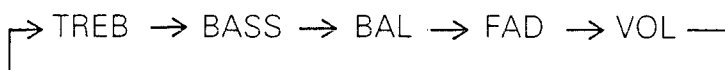
● BASIC OPERATION

Initial System Start

When operating the system for the first time after installation or after the vehicle's battery has been disconnected and reconnected, set the volume level to its minimum, then carefully press the Reset switch ② with a sharp pencil or any other pointed object.

How to adjust the volume and tone (Refer to the diagram in next page.)

1. Turn On the system by pressing the PWR switch ⑩ or any other button (other than Eject ① or Reset ②).
2. Press the Audio MODE Select switch ③ to select each adjusting mode.



Each time this switch is pressed, the mode changes. The mode is indicated in the display. The mode indicator changes as each mode is selected.

3. Once the desired mode appears in the display, use the Audio Controller ⑩ to make your adjustment. The Audio Control Up indicator ③② flashes when turned clockwise and the Down indicator ③⑥ flashes when turned counterclockwise.

Power Off

Press the PWR button ⑩ to turn the unit Off.

Loudness

1. Press the LOUD button ③ for more than 2 seconds to activate the loudness function.
2. Press the LOUD button ③ for more than 2 seconds again to defeat this feature.

Mode Switching of the 7525R/7524R

1. Radio Mode
Press the BAND button ②⑨ to put the unit into the radio mode. The Band indicator (F1, F2 or MW/LW) will appear in the display.
2. Cassette Player Mode
Press the TAPE button ②⑧ to put the unit into the cassette player mode.
3. CD Shuttle Mode
Press the DISC button ②⑦ to put the unit into the CD mode.

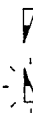
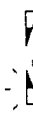
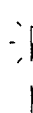
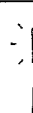
Five Modes Setting Function

This unit allows setting of five modes shown below. For further details, refer to the description on each mode.

- Preset No. 1: FM level switching.
- Preset No. 2: Sound volume setting during reception of traffic information.
- Preset No. 3: Switching of automatic tracing function. (A.P.I. 1/A.P.I. 2/PS ONLY)
- Preset No. 4: Regional program on/off switching.
- Preset No. 5: Built-in lighting switch function (green/amber).

OPERATION

Audio Controller Operation

OPERATION	IND	SPEED OF CHANGE	VOLUME	TREBLE	BASS	BALANCE	FADER
 		FAST	UP	BOOST	BOOST	Left-ch Decreases	Rear-ch Decreases
 		SLOW	UP	BOOST	BOOST	Left-ch Decreases	Rear-ch Decreases
 		NO CHANGE					
 		SLOW	DOWN	CUT	CUT	Right-ch Decreases	Front-ch Decreases
 		FAST	DOWN	CUT	CUT	Right-ch Decreases	Front-ch Decreases

S.T.M. (Source Tone Memory)

The Bass and Treble controls can be individually set for each source (FM, MW/LW, Tape, and CD). Once set, their positions are automatically memorized. Whenever the source is reselected, the Bass and Treble controls will return to your preset configuration.

Mute (7525R only)

1. Press the MUTE button ⑫ to reduce instantly the sound level by 20 dB. When the mute mode is set, part of the bar graph ③③ and the audio control direction of rotation indicator ③② or ③⑥ flash.
2. To release the mute function, press the MUTE button ⑫ a second time.

Switching the Lighting Color

Lighting colors (green/amber) for the front panel can be changed.

1. Press the DISP button ②⑥ for 3 seconds.
2. Press the Preset No. 5 button ①⑧ to switch the lighting between green and amber.

OPERATION

A.S.C. (Ambience Sound Compensator) (7525R only)

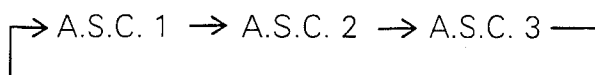
The A.S.C. detects the ultra-low and medium low frequency noise which changes according to the vehicle's speed and road conditions, and controls the volume and tone using judgments near those of the human senses thanks to fuzzy logic to keep the settings at a comfortable level.

1. Play the radio, a cassette or a CD and adjust the volume and tone as desired.
2. Press the A.S.C. button ⑪. The A.S.C. function is activated and the volume and tone are controlled automatically.
3. To release the A.S.C. function, press the A.S.C. button ⑪ a second time.

Switching the A.S.C. Mode (7525R only)

A.S.C. includes three different sensitivity settings to keep the 7525R's output audible above the ambient noise level (caused by the road noise and speed of the vehicle). The different levels as indicated in the display are, in decreasing order, A.S.C. 1, A.S.C. 2, A.S.C. 3.

1. Press the A.S.C. button ⑪ for two seconds.
2. "A.S.C. 1" is indicated on the display, and the mode changes each time the button is pressed.



NOTE:

The A.S.C. mode can be switched even if the A.S.C. function is not activated.

Automatic Set Up

All the bothersome initialization procedures required after installation are conducted automatically.

1. With the power turned On, press the Power Off/Auto Set Up button ⑩ for 3 seconds. The following procedures are conducted automatically.
2. "A.S.U." flashes three times on the dot matrix display ④.
3. The unit is set to the D.A.P. mode and stations are automatically stored in the memory.
4. The treble, bass, balance and fader settings are all set to the center. The various modes and levels are indicated on the dot matrix display ④ and bar graph ③.
5. The volume gradually increases.
6. The A.S.U. operation is completed.



OPERATION

● RADIO OPERATION

Tuning Band Selection

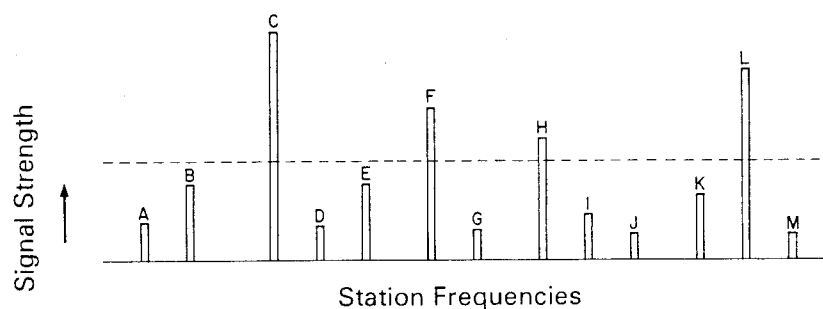
Press the BAND button (29) to select the desired tuning band. The Band indicator shows your selection.

Local/Distance (DX) Seek Sensitivity for FM, MW and LW

You can select the radio seek sensitivity (local or distance (DX)), by pressing the DX (distance) button (23).

In the local mode, with no DX indicator (52), the radio tunes in only strong stations (stations C, F, H and L in the illustration below).

In the distance mode, with DX indicator (52), the radio tunes in both strong and weak stations (all stations from A to M in the illustration).



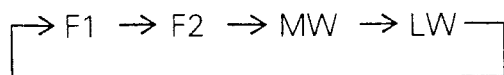
FM Stereo/Monaural Switching (7525R only)

You can select between the auto switching or monaural only modes for FM reception by pressing the MONO button (22). In the auto switching mode, you can receive stereo broadcasts in stereo and monaural broadcasts in MONO. In the monaural mode, you will receive the broadcast in monaural only, even if the broadcast is in stereo. The monaural only mode quiets the noisy stereo signal of weaker broadcasts. The ST indicator (44) will not appear while the monaural mode is selected.

Manual and Auto Seek Tuning

Stations can be tuned in using the procedures described below.

1. Select the tuning band (FM1, FM2, MW or LW) with the BAND button (29). The Band indicator shows your selection.



2. Decreasing the frequency:
The frequency is decreased by one step each time the DN switch (6) is pressed.
By pressing and holding the switch for at least 0.5 seconds, the unit will automatically tune the first station it finds in the direction of decreasing frequency.
3. Increasing the frequency:
The frequency is increased by one step each time the UP switch (7) is pressed.
By pressing and holding the switch for at least 0.5 seconds, the unit will automatically tune to the first station it finds in the direction of increasing frequency.

OPERATION

Preset Memory Programming

Follow the instructions below to program stations into preset memory:

1. Select the tuning band (FM1, FM2, MW or LW) with the BAND button ②⑨.
2. Tune in your desired station using manual or auto seek tuning.
3. Press the Preset button number 1 ①⑨ for more than 2 seconds.
4. The preset indicator ③⑤ and the dot matrix display ④③ will begin to blink. Press that Preset button again while the display is blinking (within 5 seconds).
5. The frequency you selected will be placed into preset memory number 1 and will appear in the display.

NOTE:

If a preset memory has already been set in the same address, it will be cleared and the new station will be memorized.

6. Follow steps 2 — 4 for the remaining presets (2 — 6). Use this procedure for FM1, FM2, MW and LW.

Auto Memory Preset

1. Select the desired tuning band (FM1, FM2, MW or LW) with the BAND button ②⑨. The Band indicator shows your selection.

NOTE:

The auto memory preset procedure is allowed in the D.A.P. mode.

2. Press the A. ME button ②④ for over 2 seconds.
3. The tuner will automatically seek the 6 strongest stations in the selected band and memorize them in order of their signal strength. These stations are automatically placed in the preset memory with the strongest station in preset No. 1 and the 6th strongest station in preset No. 6. When seeking stations, the tuner first seeks in the local tuning mode. If less than 6 stations are memorized, the tuner seeks again in the distance (DX) mode.
4. After finishing the auto memory preset, the tuner goes to the station placed in preset memory No. 1. If no stations are memorized, it returns to the original station you were listening to before the auto memory preset procedure began.

Preset Tuning

After the preset stations have been memorized, you can tune in your desired station (within the band displayed) with one touch of a button.

1. Select the tuning band (FM1, FM2, MW or LW) with the BAND button ②⑨.
2. Press any one of the Preset buttons (①⑤ — ②⑩) and the number of that preset will appear in the preset channel indicator ③④.
3. The frequency of the station placed in the selected preset location will appear in the display.

OPERATION

D.A.P. (Direct Access Preset)

This feature allows the storage of FM, MW and LW presets on the same band.

1. Press the D.A.P. button ⑳ to light up the D.A.P. indicator ㉔.
2. To program stations into the D.A.P. band, follow steps 1 — 4 as described in the Preset Memory Programming section above.

Accessing the D.A.P. Presets

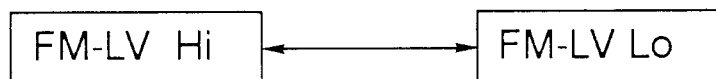
1. Press the D.A.P. button ㉔. The D.A.P. indicator ㉔ will illuminate in the display.
2. Press one of the Preset buttons (⑮ — ㉐).
3. The frequency of the station placed in the selected D.A.P. location will appear in the display.

Switching the FM Volume

Use this function if the difference in volume is great when switching between a tape and the FM radio.

1. Press the DISP button ㉖ for 3 seconds.
2. Press the Preset No. 1 button ㉑ to switch the display between "FM-LV Hi" and "FM-LV Lo".

The FM volume can be set to one of two positions, high or low. Set the position according to the broadcast station.



OPERATION

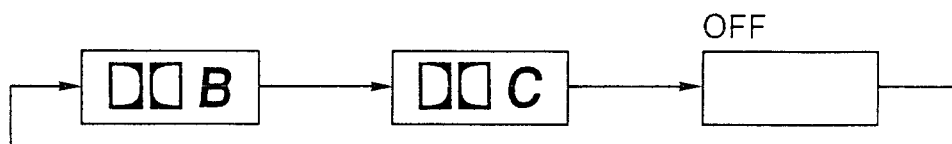
● TAPE PLAYER OPERATION

Turn the unit On and press the TAPE (▶/II) button ⑳ to access the tape mode.

Dolby* B/C Noise Reduction

Before playing a cassette tape, check to see if it is encoded with Dolby B or C noise reduction. Press the Dolby NR button ⑲ when playing a Dolby NR encoded tape.

Press the Dolby NR button ⑲ to select Dolby NR mode. The Dolby NR indicator ㉓ and the B ㉔ or C ㉕ indicator shows your selection. The Dolby NR mode changes each time the button is pressed.



NOTE:

Only Dolby B is offered on the 7524R.

Cassette Loading

1. Insert a prerecorded cassette tape into the cassette loading slot ⑧ with the open side facing to your right.
2. If the cassette tape is not completely loaded into the deck, lightly press the cassette into the slot.

Metal (MTL) Indicator

Metal or CrO₂ cassette tapes having an open detection hole will automatically be detected, in which case the MTL indicator ㉖ in the display comes on and the playback equalization is automatically set to 70μsec.

Eject

Press the Eject button ① to eject the cassette from the tape mechanism.

Pause

To temporarily stop playback, press the TAPE (▶/II) button ㉔. To resume playback, press the same button again.

Playback

1. Insert a prerecorded cassette tape with the open side facing right. The playback begins immediately.
2. If a cassette tape is already loaded in the unit, press the TAPE (▶/II) button ㉔ to start playback.
3. To stop tape play, press the Eject button ① or turn the power Off with the PWR switch ⑩.

NOTE:

Push the DISP button ㉔ with the tape or CD played in the A.P.I. or T. INFO mode, and the unit will be set to the TUNER mode and the tuning is possible.

OPERATION

True Fast Forward and Rewind

1. Press the FF switch ⑦ to advance the tape quickly. Press the REW switch ⑥ to rapidly run the tape backward. The deck will perform these functions correctly regardless of the tape play direction.
2. To disengage the FF or REW function, press the TAPE (▶/II) button ⑳.

Program Sensor

1. To advance the tape to the beginning of the next musical track, press and release the P.S. UP button ⑮. The display will show "P.S. UP + 1" as shown below. Successive pressing of this button will increase the number of tracks to be skipped as the tape advances. The number in the display will increase accordingly. For example, to go from track 1 to track 4, press the P.S. UP button ⑮ three times (the number in the display will be "+3"). The tape deck searches for blank sections between tracks to the beginning of track 4 and begins playback.
2. To access the beginning of the current musical track, press and release the P.S. DN button ⑰. The display will show "P.S. DN -1". Successive pressing of this button will increase the number of tracks to be skipped as the tape rewinds. The number in the display will increase (in the negative direction) accordingly. For example, to go from track 5 to track 4, press the P.S. DN button ⑰ twice (the number in the display will be "-2" as shown below). The tape deck searches for blank sections between tracks to the beginning of the track 4 and begins playback.

[Example]

P.S. UP +1

P.S. DN -2

NOTE:

The P.S. cannot detect blank sections of less than 3 seconds.

Auto Reverse

When the tape is played or fast-forwarded to the end, the tape transport automatically reverses the tape direction and playback begins.

Manual Reverse

To manually change playback direction (switch between side A and side B), press the PROG button ⑯.

Repeat

1. Insert the cassette tape and begin playback.
2. When you find a selection you would like to repeat, press the RPT button ㉓ until the REPEAT indicator appear in the display. This selection will be continuously repeated until the repeat function is disengaged.
3. To cancel the repeat function, press the RPT button ㉓ again. The REPEAT indicator will disappear.

OPERATION

Scan

1. Press the SCAN button ②② (③① for 7524R) and the deck will play the first 10 seconds of each selection. This feature is convenient when searching for a particular selection on a tape.
2. Once you have located your desired selection, press the SCAN button ②② again to defeat this function.

Blank Skip

1. Press the B. SKIP button ②① during playback to skip over any blank sections of tape lasting 15 seconds or more.
2. To cancel the blank skip function, press the B. SKIP button ②① again.

Return Eject

1. Insert the cassette tape and begin playback.
2. Press the R. EJECT button ①⑧ during one of the following modes and the cassette tape will automatically eject when:
 - Playback mode; After both sides A and B have been played.
 - Fast Forward mode; After the other side has been played.The R. EJ indicator ④⑦ on that button will light.
3. To cancel the return eject mode, press the R. EJECT button ①⑧ again.

Head Cleaning

When playback sound quality begins to deteriorate, it is time to clean the tape head. Insert a special head cleaning cassette into the tape deck and allow it to run for approximately 1 minute to remove any foreign matter. There are special cleaning cassettes that also clean the capstans and pinch rollers. Please contact your authorized Alpine dealer for information about these cleaning devices.

OPERATION

● CD OPERATION

The following instructions apply only to systems that incorporate the Alpine CD Shuttle with 7525R/7524R.

Turn the unit On and access the CD mode by pressing the DISC (►/II) button ⑳.

Initial System Turn-On

When operating the system for the first time after installation or after the vehicle's battery has been disconnected and reconnected, press the Reset switch ② with a sharp pencil or other pointed object.

Normal Play

1. Press the DISC (►/II) button ㉑.
2. The first disc will begin playback.
3. After the last track on the last disc is played back, the pickup will return to the beginning of the first track of the first disc and begin playback from that point.

Pause

While the disc is playing, press the DISC (►/II) button ㉑ to temporarily stop playback. The dot matrix display ④③ will show "PAU". To resume playback, press the DISC button (►/II) ㉑ again.

Music Sensor (Skip)

This feature allows you to access the beginning of your musical track selection simply and quickly. It is functional in the play or pause mode. The dot matrix display ④③ shows the track number you have selected.

- To advance to the next track on the disc, press the UP/FF switch ⑦.
 1. Playback stops, and the pickup moves up to the beginning of the next track. That track number appears in the dot matrix display ④③.
 2. Playback begins immediately.
 3. If you wish to access a track further ahead on the disc, continue pressing and releasing the UP/FF switch ⑦ until you reach the track of your choice.
- To replay the track that is currently playing, press and release the DN/REW switch ⑥.
 1. Playback stops, and the pickup moves back to the beginning of the current track. The track number in the dot matrix display ④③ remains the same.
 2. Playback begins immediately from the beginning of the track.
 3. If you access a track further towards the beginning of the disc, continue pressing and releasing the DN/REW switch ⑥ until you reach the track of your choice.

OPERATION

Direct Disc Access

1. Press one of the Direct Disc Access buttons (15 — 20) to select from discs 1 — 6. The disc and track numbers will appear in the display.
2. Press the UP/FF 7 or DN/REW 6 switch for musical track selection.

Fast Forward/Fast Backward

The fast forward/fast backward feature works in the play mode only.

1. Press either the FF 7 or the REW 6 switch and hold it down for more than 1 second.
2. To move the pickup forward rapidly, hold down the FF switch 7.
3. To move the pickup backward rapidly, hold down the REW switch 6.
4. Release the button when you get to the desired position on the disc.
5. When the pickup reaches the end of the disc, it will begin playback from the beginning of the first track on the next disc.

Repeat (One/All)

This feature allows you to continuously repeat a single track or one entire disc.

To Repeat a Single Track

1. Locate the music track of your choice using the UP 7 or DN 6 switch.
2. Press the RPT button 23.
The REPEAT indicator will illuminate on the dot matrix display 43.
The music track will be played back repeatedly.
3. To stop repeat play, press the RPT button 23 twice.

To Repeat an Entire Disc

1. While playing a disc, press the RPT button 23 until the ALL indicator will illuminate.
2. The disc will be played back repeatedly.
3. To stop repeat play, press the RPT button 23 once. The indicator illumination will be off.

Disc Scan

Press the SCAN button 22 (31 for 7524R) and the unit will playback the first 10 seconds of each track in succession. This function is useful in searching ahead on a disc for a specific selection. Pressing the SCAN button 22 a second time deactivates the function.

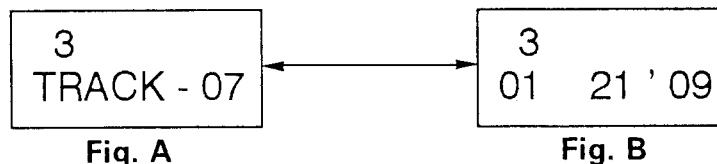
M.I.X. (Random Play)

Press the M.I.X. button 21 while the unit is in the play or pause mode. Musical tracks on the selected disc will be played back in a random sequence generated by the microprocessor. After all the tracks on the disc have been played back once, the player will begin a new random sequence.

OPERATION

CD Display Switching

In the CD mode, the display will show the Disc and Track Number (Fig. A) or the Elapsed Time (Fig. B). Press the DISP button ②⑥ to select between the Disc/Track number and the Elapsed Time indicators.



NOTE:

In the A.P.I. or T. INFO mode, even if the DISP button ②⑥ is pushed, the display can not be switched. The mode will be set to the tuner mode and the tuning is possible.

● CLOCK OPERATION

RDS Clock

1. Press the CLOCK button ②⑤. The clock time will appear on the display.
2. The clock is automatically corrected, the dot matrix display ④③ showing "R", when RDS CT data is received.

R 12 : 00

NOTE:

- If the RDS signal in reception is weak, the time adjustment by RDS function may require a little longer time.
3. If the unit shows incorrect time caused by a wrong signal, adjust the time manually by referring to "Setting the Time" below.

Normal Clock

1. Press and hold the CLOCK button ②⑤ for more than 3 seconds.
2. Press the CT button ②⑩ to deactivate the RDS function.
3. Adjust the time by referring to the "Setting the Time" below.

12 : 00

Setting the Time

1. Press and hold the CLOCK button ②⑤ for more than 3 seconds to enable the time adjust mode. The time display will blink when ready for setting.

NOTE:

Make adjustments for 5 seconds blinking.

2. Adjusting the hours:
Use H button ①⑧ to adjust the hours.
3. Adjusting the minutes:
Use M button ①⑥ to adjust the minutes.

OPERATION

● Handling the Detachable Front Panel

Removal

1. Press the PWR button ⑩ to turn the power Off. (Fig. 2)
2. Press the Release button. (Fig. 2)
3. The detachable front panel pops out. Grasp part of it and pull it off. (Fig. 3)

NOTE:

After removing the detachable front panel, place it in the included case and protect it from strong shocks.

Installation

1. Check that there is no dirt, etc., in the grooves on the unit, then insert the detachable front panel from the right side. (Fig. 4)
2. Press on the detachable front panel at a point other than the button surface on the left side until a click is heard. (Fig. 5)
3. Touch the detachable front panel and check that it is securely fastened.

NOTE:

Be sure to check that there is no dirt, dust, etc., on the connector terminals for the detachable face and unit before installing it.

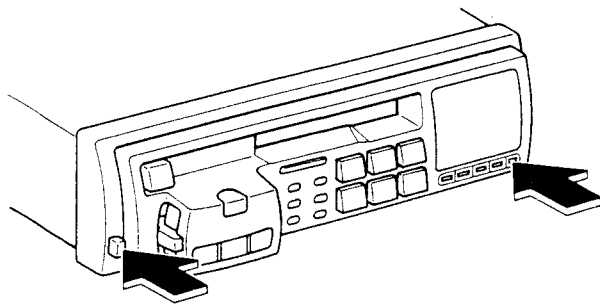


Fig. 2

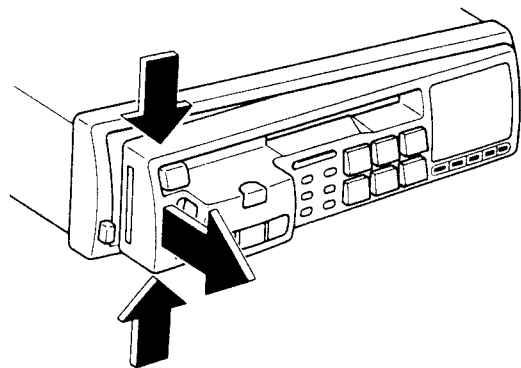


Fig. 3

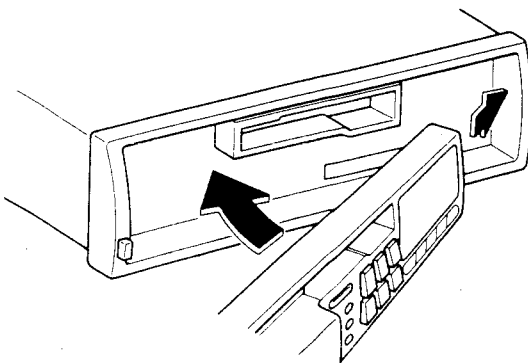


Fig. 4

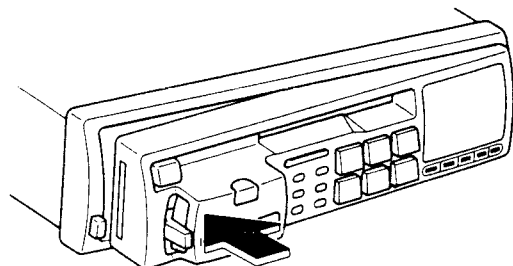


Fig. 5

ERROR INDICATION FOR CD SHUTTLE

INDICATION	CAUSE	SOLUTION
ERROR-01	Disc-change malfunction.	Consult your Alpine dealer.
	Disc-change malfunction.	Press the magazine eject button and pull out the Magazine. Check for error indication. Insert the magazine again. If the magazine can not be pulled out, consult your Alpine dealer.
	Magazine ejection impossible.	Press the magazine eject button. If the magazine does not eject, consult your Alpine dealer.
ERROR-02	Disc is in player mechanism.	Press the magazine eject button, and insert an empty magazine.
---H	High Temperature.	Will disappear when the temperature returns to operation range.
EEEE	Misconnection or disconnection of CD Shuttle.	Check connection between CD Shuttle and control unit.

INDICATION FOR 7525R/7524R

INDICATION	MEANING
NO MAGZN	The magazine is not installed into the CD Shuttle.
NO DISC	No discs are in the magazine.

CORRECTION SHEET/BERICHTIGUNGSBLATT/ ERRATUM/FOGLIO DI CORREZIONE/ HOJA DE CORRECCION/RÄTTELSE

		Improper/Falsch/ Incorrect/Scorretto/ Incorrect/Rätt	Proper/Richtig/ Correct/Corretto/ Correcto/Fal
Page 23	NOSEPIECE SIZE	Height: <u>47.5</u> mm (1-7/8"), Depth: <u>21.5</u> mm (7/8")	Height: <u>48</u> mm (1-7/8"), Depth: <u>22</u> mm (7/8")
Seite 42	VORDE RTEIL	Höhe: <u>47,5</u> mm, Tiefe: <u>21,5</u> mm	Höhe: <u>48</u> mm, Tiefe: <u>22</u> mm
Page 60	DIMENSIONS DE LA PARTIE SAillante	Hauteur: <u>47,5</u> mm, Profondeur: <u>21,5</u> mm	Hauteur: <u>48</u> mm, Profondeur: <u>22</u> mm
Pagina 80	MISURA DELLA PARTE ANTERIORE	Altezza: <u>47,5</u> mm, Profondità: <u>21,5</u> mm	Altezza: <u>48</u> mm, Profondità: <u>22</u> mm
Página 99	TAMAÑO DE LA PARTE DELANTERA	Alto: <u>47,5</u> mm, Prof.: <u>21,5</u> mm	Alto: <u>48</u> mm, Prof.: <u>22</u> mm
Sid 117	YTTERMÅTT, FRAMPANEL	Höjd: <u>47,5</u> mm, Djup: <u>21,5</u> mm	Höjd: <u>48</u> mm, Djup: <u>22</u> mm

SPECIFICATIONS

FM TUNER SECTION

Tuning Range	87.5 — 108.0 MHz
Usable Sensitivity	0.7 μ V
Selectivity	80 dB
Signal-to-Noise Ratio	65 dB
Stereo Separation	35 dB

MW TUNER SECTION

Tuning Range	531 — 1,602 kHz
Usable Sensitivity	25.1 μ V

LW TUNER SECTION

Tuning Range	153 — 281 kHz
Usable Sensitivity	31.6 μ V

TAPE

Tape Speed	1-7/8 ips (4.8 cm/sec) $\pm$ 0.7%
Wow and Flutter	0.06% WRMS
Signal-to-Noise Ratio	
With Dolby B-Type NR	68 dB
With Dolby C-Type NR (7525R only)	75 dB
Without Dolby NR	60 dB
Frequency Response	
With Alpine test tape	30 — 22,000 Hz

GENERAL

Power Requirement	14.4V DC (11 — 16V allowable)
Maximum Power Output	
7525R	30W x 4
7524R	25W x 4
Output Voltage	500 mV/10k ohms
Bass	$\pm$ 15 dB at 30 Hz
Treble	$\pm$ 12 dB at 10 kHz
Weight	1.6 kg (3 lbs. 8 oz)

CHASSIS SIZE

Width: 178mm (7"), Height: 50mm (2"), Depth: 153mm (6")

NOSEPIECE SIZE

Width: 171mm (6-3/4"), Height: 47.5mm (1-7/8"), Depth: 21.5mm (7/8")

Due to continuing product improvement, specifications and design subject to change without notice.

MERKMALE

Deutsch

- **FRONT-DIN™-CHASSIS**
- **CD-SHUTTLE™-REGLER**
- **D.F.P. (ABNEHMBARE FRONTPLATTE)**
- **GR-PRÄZISION/VOLLOGISCHE RAUSCHUNTERDRÜCKUNG**
- **FÜR DRAHTLOSE FERNBEDIENUNG AUSGESTATTET**
- **A.S.C. (NEBENGERÄUSCH-KOMPENSATOR) (nur 7525R)**
Der A.S.C. erkennt Geräusche, die sich entsprechend der Fahrtgeschwindigkeit und der Straßenbedingungen verändern. Dank von fuzzy logic, das Prüfungen ähnlich wie ein Mensch vornimmt, beinhaltet der A.S.C. die Einstellung der Lautstärke und des Klangs auf einen angenehmen Pegel.
- **A.S.U. (AUTOMATISCHE WIEDER-EINSTELLUNG)**
Stellt das Gerät auf die werksseitig voreingestellten Bedingungen zurück. Dies beinhaltet das flacheinstellen der Tonregler, das mittelstellen der Ausblendung (FADER) und der BALANCE. Darüberhinaus wird das Gerät auf den Abstimmbetrieb eingestellt, wobei der in der jeweiligen Region stärkste Sender abgestimmt wird.
- **HLTAC II™-TONKOPF**
Der neu von Alpine entwickelte HLTAC II-Tonkopf ist zum einen mit OFC (Oxygen Free Copper)-Spulenwicklungen bestückt. Signalverluste und Korrosion gehören damit der Vergangenheit an. Zum anderen wird der Luftspalt zwischen Kopf und Band für eine außergewöhnlich flache und supergenaue Frequenzwiedergabe auf eng anliegende, extrem genaue 0,8 Mikron gehalten.
- **P.S. (PROGRAMM-SENSOR)**
Mit dem Programm-Sensor können bis zu 9 Titel auf der Cassette in Vorwärts- bzw. Rückwärtsrichtung übersprungen werden.
- **AUTOMATISCHE PROGRAMM-ERKENNUNG (A.P.I.)**
Wenn die A.P.I.-Funktion im UKW-Betrieb eingeschaltet ist, wird der bestmögliche Empfang für den gerade gehörten Sender automatisch eingestellt.
- **VERKEHRSDURCHSAGEN (T. INFO)**
Wenn diese Funktion eingeschaltet ist, werden ausgesandte Verkehrsdurchsagen automatisch empfangen.
- **DIREKTZUGANGS-VORWAHL (D.A.P.)**
- **INTELLIGENTER AUTOMATIK-SPEICHER (A. MEMO)**
- **WIEDERHOLUNG (CASSETTE, CD)**
- **ANSPIELEN (CASSETTE, CD)**
- **AUTOMATISCHES LEERSTELLEN-ÜBERSPRINGEN**
- **DOLBY*-B/C-RAUSCHUNTERDRÜCKUNG**
- **S.T.M. (QUELLENTON-SPEICHER)**
Mit dieser Funktion werden die für die verschiedenen Wiedergabequellen angepaßten Einstellungen der Tiefen-/Höhenregler gespeichert.
- **DUAL-VORVERSTÄRKER-AUSGÄNGE**
Durch die Dual-Vorverstärker-Ausgänge und den Vorverstärker-Fader läßt sich das System leicht und bequem erweitern.
- **VERSTELLBARER FADER**
- **DOPPELTE BELEUCHTUNG**
- **30 SENDERVORWAHLEN MIT LITETOUCH™**
UKW1 : 6, UKW2 : 6, MW : 6, LW : 6, D.A.P.: 6

* Dolby Rauschunterdrückungssystem ist hergestellt unter Lizenz von Dolby Laboratories Licensing Corporation. "DOLBY" und das doppel D symbol (DD) sind Warenzeichen der Dolby Laboratories Licensing Corporation.

SPECIFIKATIONER

FM-TUNER

Avstämningssomfång	87,5 — 108,0 MHz
Användbar känslighet	0,7 μ V
Selektivitet	80 dB
Signalbrusförhållande	65 dB
Stereoseparation	35 dB

MV-TUNER

Avstämningssomfång	531 — 1.602 kHz
Användbar känslighet	25,1 μ V

LV-TUNER

Avstämningssomfång	153 — 281 kHz
Andvänbar känslighet	31,6 μ V

KASSETTDÄCKET

Bandhastighet	4,8 cm/sek. $\pm$ 0,7%
Svaj	0,06 % WRMS
Signalbrusförhållande	
Med Dolby B brusreducering	68 dB
Med Dolby C brusreducering (endast 7525R)	75 dB
Utan Dolby brusreducering	60 dB
Frekvensåtergivning	
Med ett Alpine Testband	30 — 22.000 Hz

ALLMÄNT

Strömbehov	14,4 V likström (tolerans 11 — 16 V)
Max. Uteffekt	
7525R	30W x 4
7524R	25W x 4
Utspanning	500 mV/10 kohm
Baskontroll	$\pm$ 15 dB vid 30 Hz
Diskantkontroll	$\pm$ 12 dB vid 10 kHz
Vikt	1,6 kg

YTTERMÅTT, HUVUDAPPARAT

Bredd: 178 mm, Höjd: 50 mm, Djup: 153 mm

YTTERMÅTT, FRAMPANEL

Bredd: 171 mm, Höjd: 47,5 mm, Djup: 21,5 mm

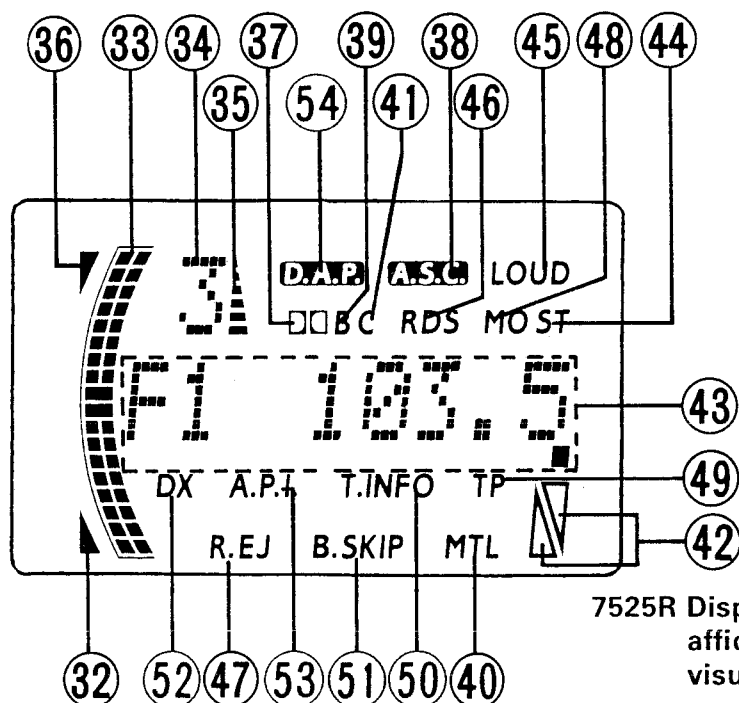
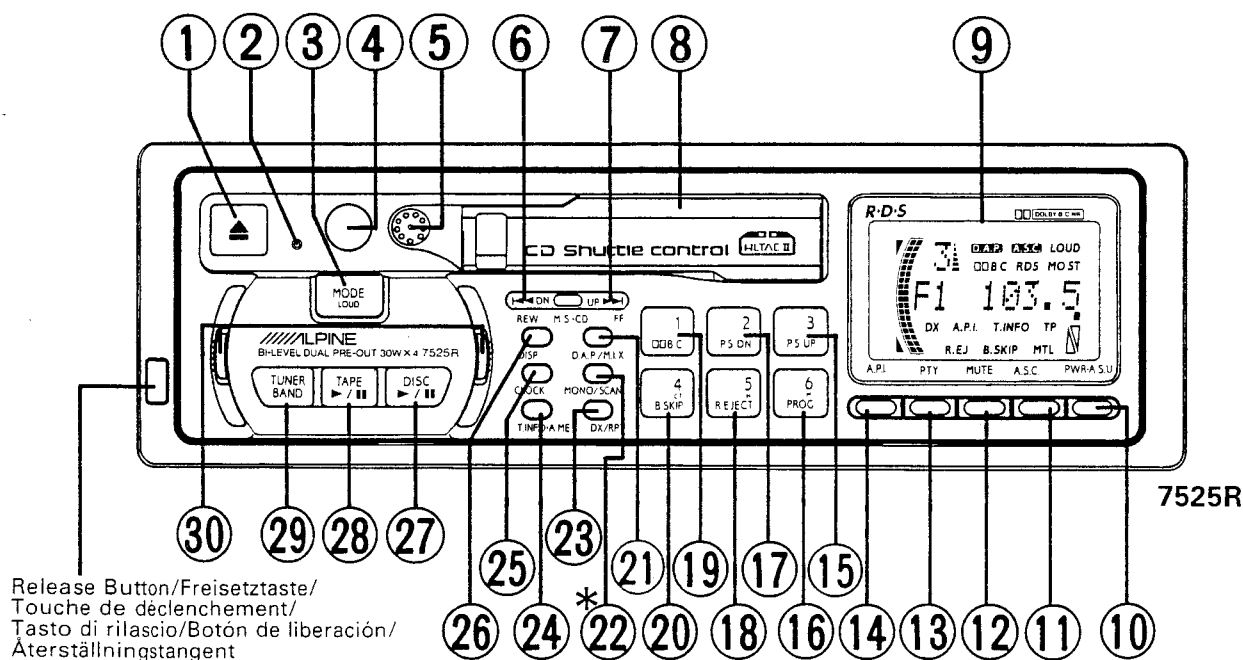
Ur förbättringssyfte förbehålles rätt till ändring av specifikationer och design utan föregående varsel.

ALPINE

7525R/7524R

FM/MW/LW/RDS Cassette Receiver

GUIDE FOR RDS OPERATION.....	Page 2
ANLEITUNG FÜR DEN RDS-BETRIEB.....	Seite 9
GUIDE DE FONCTIONNEMENT RDS.....	Page 17
GUIDA DE FUNZIONAMENTO RDS.....	Pagina 25
GUIA DE OPERACION RDS.....	Página 33
BRUKSANVISNING FÖR RDS.....	Sid 41



* ③① PTY/SCAN (7524R only/
nur 7524R/
7524R uniquement/
7524R solo/
7524R solamente/
endast 7524R)

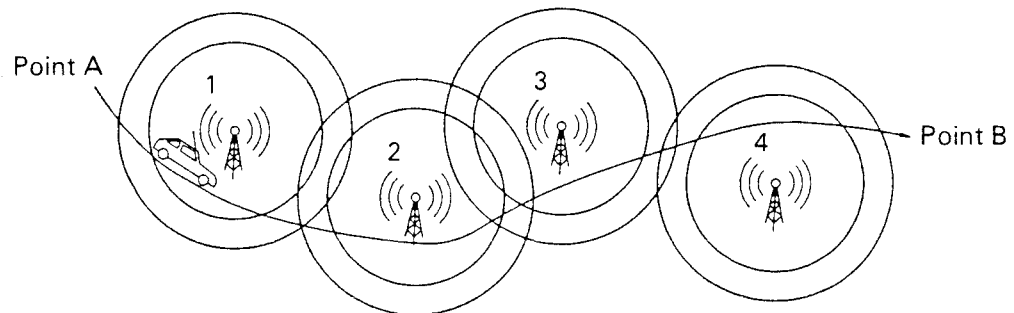
* ②② MONO/SCAN (7525R only/
nur 7525R/
7525R uniquement/
7525R solo/
7525R solamente/
endast 7525R)

7525R Display/Display/
affichage/display/
visualizador/display

● R.D.S. METHOD

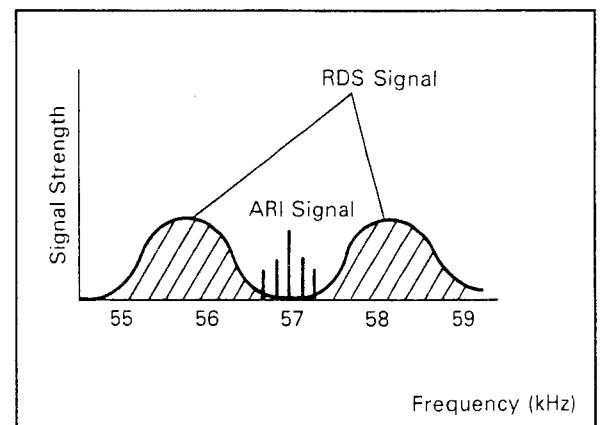
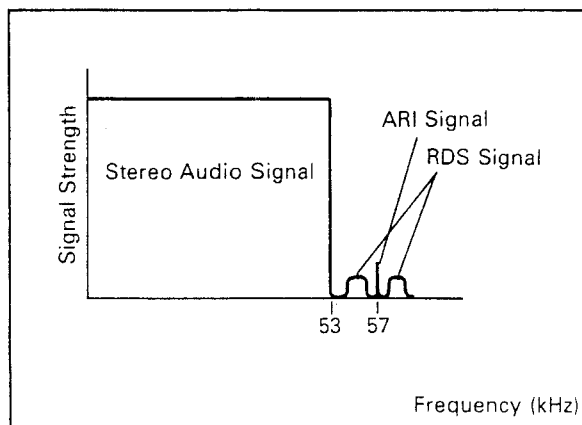
The R.D.S. (Radio Data System) is a broadcasting system in which digital data for automatic tuning, etc., on car radios is added to the FM radio signals. Its standards are set by the E.B.U. (European Broadcasting Union).

Automatic Tracing



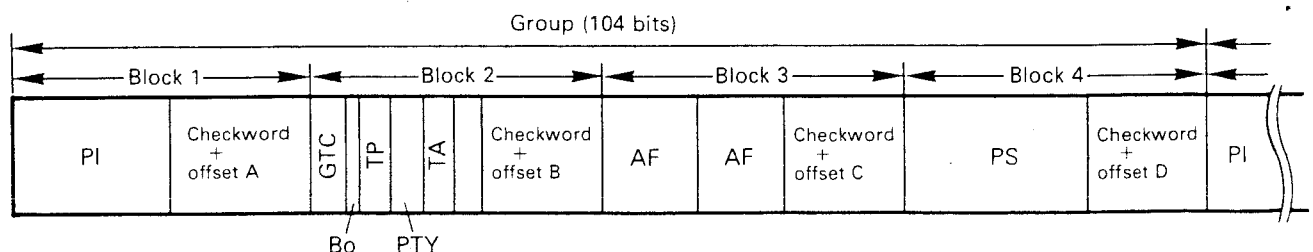
To keep receiving the same broadcast when moving from point A to point B with the network shown above, it was previously necessary to tune in the next station (1 to 4) either manually or using the seek operation once the reception got bad. The auto tuning system automatically switches the reception station to the station in the network offering the best reception.

RDS Signal



The RDS data are transferred as shown above so that they do not give any influence on the sound signals.

RDS Data Structure (Sample of type 0A group)



Five Modes Setting Function

This unit allows setting of five modes shown below. Press the DISP button ⑳ for 3 seconds, and press any one of the Preset buttons (⑮, ⑰ — ㉑). For further details, refer to each mode described in the Owner's Manual and RDS Manual.

- * FM level switching.
- * Sound volume setting during reception of traffic information.
- * Switching of automatic tracing function. (A.P.I. 1/A.P.I. 2/PS ONLY)
- * Regional program on/off switching.
- * Built-in lighting switching function (green/amber).

The RDS data used are the PI, PS, AF, TP, TA, EON and PTY data.

- PI: Program Identification code
Code identifying programs and consisting of a country code and a program code.
- PS: Program Service name
Broadcast station name data expressed in alphanumerical characters of up to 8.
- AF: Alternative Frequencies
Frequency list data for broadcasting stations transmitting the same program.
- TP: Traffic Program identification
Identification data for traffic information broadcasting station.
- TA: Traffic Announcement identification
Identification data showing traffic information is being transmitted or not.
- EON: Enhanced Other Networks Information
Broadcasting information on PI, AF, TP, TA, etc. relating to networks other than the network used for current reception.
- PTY: Program Type Code
Transmitting contents of programs such as a program ID code, news, light music, sports, etc.

RDS Function on the 7525R/7524R

The RDS data is used for the following operations:

- Auto tuning to the station in the network with the best reception is performed using the PI and AF data.
- The station name is displayed using the PS data.
- Traffic information is received automatically using the TP and TA data.

● A.P.I. (AUTO PROGRAM IDENTIFICATION) OPERATION

1. Press the TUNER/BAND button ㉑ to set the FM mode. (The A.P.I. function does not operate on the MW and LW bands.)
2. Press the A.P.I. button ⑭. The A.P.I. indicator ⑤③ appears on the display.
3. Press the UP or DN switch (⑦ or ⑥) for at least 0.5 seconds to start tuning.
Once the station is tuned in, the RDS indicator ④⑥ appears on the display.
After approximately 1 second, the display switches from the frequency to the station name.
(If the reception is poor, more time is required for the station name to appear.)
4. When the reception of the station last tuned in becomes poor, the set automatically switches to another frequency broadcasting the same program with better reception. (The automatic follow operation does not function in areas where there is no broadcast network.)
5. Press the A.P.I. button ⑭ to cancel the A.P.I. mode.
The A.P.I. indicator ⑤③ on the display turns off, and the station display switches back to the frequency display.

NOTES:

1. With the A.P.I. button ⑭ in the on position, reception of an RDS station (indicated by the station name display and the lighting of the RDS indicator ④⑥) will result in automatic tracing of stations having the same broadcast contents.
2. When the A.P.I. button ⑭ is left on in the seek mode, the radio will also stop at non-RDS stations, but the display will continue to show a frequency.

● A.P.I. 1/A.P.I. 2/PS ONLY MODE

This unit has employed two modes of A.P.I. 1/A.P.I. 2 as automatic tracing systems and PS ONLY mode as non-automatic tracing system, so use one of the modes depending upon status of broadcasting networks, reception status, and other environment.

1. Press the DISP button ②⑥ for 3 seconds.
2. Press the Preset No. 3 button ⑮ to switch among A.P.I. 1, A.P.I. 2 and PS ONLY.

[A.P.I. 1] Mode

- When the reception status becomes poor, the unit is automatically switched to a station which provides good reception status.

NOTE:

Under certain conditions of broadcasting stations, the unit will be switched to another program station for an instant time of period.

[A.P.I. 2] Mode

- If erroneous operation occurs with A.P.I. 1 mode selected, switch the mode to the "A.P.I. 2" mode.

NOTES:

1. When switching from a station which provides poor reception condition to the other station which provides good condition, the MUTE function works to check whether the switched station is the same station.
2. When moving from the station providing poor reception condition to a good station, the MUTE function successively works for a specified interval if a station providing good reception condition does not exist. In such a case, turn off the A.P.I. or try to tune in another station.
3. In the A.P.I. 2 mode, the AF and PI are checked again to search the AF station without fail, so, a longer muting period (about one sec) than that in the A.P.I. 1 mode is necessary.

[PS ONLY] Mode

- The PS ONLY mode executes only the display of broadcasting station name.
- In this mode, automatic tracing operation is not executed. Only the manual tracing operation described on page 5 can be executed.

● OTHER CONVENIENT FUNCTIONS

Manual Tracing Operation

This operation is used in case of slow tracing in each automatic tracing mode and PS ONLY mode. In the operation, AF will be searched instantly and the station which provides good reception condition will be selected.

1. When the A.P.I. button ⑭ is pressed for two seconds while in the A.P.I. mode (when the A.P.I. indicator ⑤③ on the display is on), reception switches to the station included among the AF data which is broadcasting the same program with the best reception.
2. "AF SEEK" is displayed during this operation.
3. When the operation is completed, "SEEK END" appears on the display.

Setting the PI in the Preset Memory

1. Tune in an RDS station and set the display to the station name display.
 2. Press one of Preset buttons 1 to 6 for two seconds.
 3. The station name flashes for 5 seconds. Press the Preset button at which you want to store the PI while the display is flashing. The PI is now stored in the memory.
 4. Set other Preset buttons in the same way.
- If a Preset button at which a PI is stored is pressed, the station name will be displayed.
 - If the same PI program cannot be received at the first preset recall, "AF SEEK" operation will be executed automatically.
 - In case of bad reception condition at the first preset recall, press the preset button again and "PI SEEK" operation will be executed automatically. During this operation, "PI SEEK" will be displayed and the broadcasting station of the same PI and another frequency will be searched.
 - If a station broadcasting the same program cannot be tuned in, reception returns to the original frequency and the preset indicator turns off.

● REGIONAL PROGRAM OPERATION

Some broadcast stations will change from normal broadcasting to regional broadcasting for a certain time period.

[Example]

A station A broadcasts the regional program "WDRG" from 9:00 to 10:00 and the station broadcasts the normal program "WDR2" for the time period except for 9:00 to 10:00.



Program	Station A	Station B	Time Period
Regional Program	WDRG	WDRE	9:00 to 10:00
Normal Program	WDR2	WDR2	Time period except for above.

PI area code will change when the normal broadcasting is switched to the regional broadcasting. This operation allows selection of the function which moves to the regional station or remains in the normal broadcasting.

1. Press the DISP button ②⑥ for 3 seconds.
2. Press the Preset No. 4 button ⑳ and the dot matrix display shows REG. ON or REG. OFF.
3. To switch the REGIONAL ON/OFF, press the Preset No. 4 button ⑳.



RDS auto memory function

Six RDS stations can be stored in the preset memory in order according to the best reception conditions.

Set to the RDS station reception mode.

Press the A. ME button ②④ for more than 2 seconds to start the auto memory operation.

CAUTION:

The PI and PS data stored in the memory are cleared when the auto memory function is used, so set them in the memory once again.

● TRAFFIC INFORMATION FUNCTION

With this function, traffic information can be received automatically from any mode. This function operates using the RDS TP and TA signals or the ARI SK and DK signals.

Traffic information being broadcasted through other network can be received by using EON signal.

To receive traffic information:

1. Press the TUNER/BAND button ②⑨ to set the FM mode. (The traffic information function does not operate on the MW and LW bands.)
2. Press the T. INFO button ②④. The T.INFO indicator ⑤① appears on the display. The TP indicator ④⑨ lights when a traffic information station is received regardless of the traffic information mode.
3. Press the UP or DN switch (⑦ or ⑥) to start searching. The set automatically searches for a traffic information station. Once the station is tuned in, the TP indicator ④⑨ appears on the display.
4. The following appears on the display when traffic information is received:

TRF . INFO

NOTE:

When a reception signal strength is poor during the traffic information reception, the function which holds the traffic information reception mode works for 1 minute.

If no information is received for 1 minute, the traffic information reception mode is automatically cancelled and the unit returns to the original mode. If a traffic information termination signal is received during the hold period, the unit also returns to the original mode.

5. If traffic information is received while a cassette is playing, the cassette is automatically paused and the traffic information can be heard. Once the traffic information is over, the set returns to the previous mode.
6. If traffic information is received when the volume control is set at the minimum, the volume is automatically set to the preset level while the traffic information is being received.

Four preset volume levels can be set for traffic information reception

- (1) Press the DISP button ②⑥ for 3 seconds.
- (2) Press the Preset No. 2 button ⑰ to switch between TA-LV 4 to TA-LV 1. Select the desired level.

TA - LV 1

7. When the reception of the broadcast station currently tuned in becomes poor, the TP indicator ④⑨ turns off and the set is set to the following state:
 - (1) An alarm is sounded after traffic information stations can no longer be received (the TP indicator ④⑨ turns off).
If a cassette is playing, it is paused automatically and the alarm is sounded.
 - (2) Use the manual tuning, seek, or auto memory functions to tune in another station.
 - (3) When the set is in the seek mode, if the UP or DN switch (⑦ or ⑥) is pressed for at least 0.5 seconds, the set only searches for traffic information stations. It either finds a traffic information station or continues searching until the seek mode is canceled.
8. The set operates as follows if both the traffic information and A.P.I. modes are set:
The automatic follow operation is performed for stations broadcasting the same program which are also traffic information broadcast stations.

When traffic information stations cannot be received:

In the tuner mode:

When the TP signal can no longer be received, an alarm will be sounded after 1 minute.

In the tape, CD or EXT mode:

When the TP signal can no longer be received, the traffic information station of another frequency will be selected automatically.

● PTY (PROGRAM TYPE) FUNCTION

With PTY function, the program type currently received will be displayed and the station which broadcasts the desired program type can be searched automatically.

PTY Display Operation

1. Press the TUNER/BAND button ②⑨ to set the FM mode.
2. Press the PTY button ⑬ (③① for 7524R) to access the PTY mode.
3. The program type currently received will be displayed on the dot matrix display ④③.

NOTE:

"NONE" will be displayed when the receiving condition is bad or when the station provides no PTY data broadcasting. And after 5 seconds the PTY mode will be released automatically.

4. To release the PTY mode, press the PTY button ⑬ (③① for 7524R).

PTY Seek Operation

1. Press the PTY button ⑬ (③① for 7524R) to access the PTY mode.
2. Select the desired program type with the UP or DN button (⑦ or ⑥).

[Example]

Type	Classics	Other music	Music	Speech	News
Display	CLASSICS	OTHER M	MUSIC	SPEECH	NEWS

3. The dot matrix display ④③ will be blinking and the station which broadcasts the desired program type will be searched.
4. When the desired station is received, blinking will be stopped automatically.

NOTE:

"NO PTY" will be displayed when the desired station fails to be searched, and after 5 seconds the PTY mode will be released automatically.

5. Normally, the PTY mode will be released automatically unless any button is pressed within 5 seconds.

● PTY-FUNKTION (PROGRAMTYP)

Tack vare PTY-funktionen ser du hela tiden vilken programtyp mottagaren är inställd på och stationen som sänder det önskade programmet kan sökas automatiskt.

Användning av PTY-funktionen

1. Tryck på TUNER/BAND-tangenten ②⑨ och välj FM-bandet.
2. Tryck på PTY-tangenten ⑬ (③① på 7524R) för att aktivera PTY-läget.
3. Den programtyp som tas emot för tillfället visas på punktdisplayen ④③.

OBSERVERA:

Meddelandet "NONE", som talar om att uppgifter saknas, visas om mottagningsförhållandena är dåliga eller om stationen inte sänder några PTY-uppgifter. Efter cirka 5 sekunder avbryts PTY-funktionen automatiskt.

4. Tryck på PTY-tangenten ⑬ (③① för 7524R) för att stänga av PTY-funktionen.

PTY-sökning

1. Tryck på PTY-tangenten ⑬ (③① för 7524R) för att aktivera PTY-läget.
2. Välj önskad programtyp med uppåt- eller nedåttangenten (UP ⑦ eller DN ⑥).

[Exempel]

Typ	Klassiskt	Annan musik	Musik	Tal	Nyheter
Display	CLASSICS	OTHER M	MUSIC	SPEECH	NEWS

3. Punktdisplayen ④③ blinkar och en station som sänder önskad programtyp letas upp.
4. När önskad station hittas slutar displayen blinka automatiskt.

OBSERVERA:

"NO PTY" visas om ingen station hittas och efter 5 sekunder kopplas PTY-funktionen bort automatiskt.

5. Normalt avbryts PTY-läget automatiskt om du inte trycker på någon annan tangent inom 5 sekunder.